

Cyber Attack Victim Separation: New Dimensions to Minimize Attack Effects by Resource Management

A Kumar, G Somani - Resource Management in Distributed Systems, 2024 - Springer

... **VM** CPU usage, select VMs for **migration**, and select a destination host based on CPU usage prediction, **memory size**, ... **VM migration** and energy usage. The proposed method called ...

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Developing sustainability, resiliency, agility, and security criteria for cloud service providers' viability assessment: A comprehensive hierarchical structure

S Amoujavadi, A Nemati - Sustainable Futures, 2024 - Elsevier

... **VM migration** (**cold migration** and hot/live **migration**) (C 219) Virtual machines are moved from one machine to another during **migration**. **Cold migration** is the term that is accomplished ...

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Interoperability and Portability in Big Data Analysis Based Cloud-Fog-Edge-Dew Computing

AHJ Pozveh, SM Mazinani, M Faraji Shoyari - Resource Management in ..., 2024 - Springer

... There are two categories of **VM migration** based on **migration** distance: **migration** ... **migration**, the **survey** identifies three types of content that need to be migrated: CPU states, **memory** ...

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A secure and lightweight container migration technique in cloud computing

G Singh, P Singh, A Motii, M Hedabou - Journal of King Saud University ..., 2024 - Elsevier

... share information like **memory size** and running application ... to the host, and in **cold migration**, the container stops at the ... phase of **migration** with four **migration** schemes where **VM** is ...

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Zero-Copy, Minimal-Blackout Virtual Machine Migrations Using Disaggregated Shared Memory

A Grapentin, F Eberhardt, T Zagorni... - 15th Workshop on ..., 2024 - drops.dagstuhl.de

... In this paper we present the first implementation of **virtual machine** live-**migration** based on ... concurrent thread that incrementally moves the **VM memory** from the source to the destination ...

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Enabling containerized Central Unit live migration in 5G radio access network: An experimental study

S Ramanathan, A Bhattacharyya, K Kondep... - Journal of Network and ..., 2024 - Elsevier

... This is because, during **VM migration**, the disk image of the entire **VM** is migrated along with ... and the **memory** state. This larger image **size** contributes to increased **migration** time for **VM** ...

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Research on WebAssembly Runtimes: A Survey

Y Zhang, M Liu, H Wang, Y Ma, G Huang... - arXiv preprint arXiv ..., 2024 - arxiv.org

... This paper provides a comprehensive **survey** of research on WebAssembly runtimes. It covers 98 articles on WebAssembly runtimes and characterizes existing studies from two different ...

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Coherent virtual machine provisioning based on balanced optimization using entropy-based conjectured scheduling in cloud environment

S Durairaj, R Sridhar - Engineering Applications of Artificial Intelligence, 2024 - Elsevier

... The structure of this paper is as follows: Section 2 represents a literature **survey**, Section 3 ... section describes the design of the **virtual machine migration** algorithm that complies with QoS ...

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Practicable live container migrations in high performance computing clouds: Diskless, iterative, and connection-persistent

J Guitart - Journal of Systems Architecture, 2024 - Elsevier

... pushes the remaining **memory** pages of the **VM** to the target, and ... **memory**, which we introduced before as **cold migration**. It consists of (i) stopping the container and dumping its **memory** ...

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Practicable live container migrations in high performance computing clouds: Diskless, iterative, and connection-persistent

J Guitart Fernández - Journal of systems architecture, 2024 - upcommons.upc.edu

... in the context of the **migration** of Virtual Machines (**VM**) [10]. ... 's **memory**, which we introduced before as **cold migration**. It consists of (i) stopping the container and dumping its **memory** ...

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Pesquisas relacionadas

live migration memory intensive applications

memory **copy live** virtual machine migration

live vm migration **techniques**

characteristics of algorithms live vm migration

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adaptive live vm migration

aware vm migration

machine migration **techniques critical** survey

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